Data Sheet

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FUJITSU COMPUTERS SIEMENS

AMILO A1630

Widescreen notebook with AMD Athlon™64 Processor

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The AMILO A1630 notebook offers real portable entertainment. Its Widescreen display, turbo-charged graphics and an AMD Athlon™64 Processor all combine into an amazing visual experience. With the AMILO A you can surf the Internet, or watch a movie on a widescreen format and it simply provides more display space to work on. Connectivity is well covered with 3 USB 2.0 ports, IEEE 1394 and an S-Video out port. The built-in WLAN module moreover offers you the flexibility to play and work from practically anywhere. Mobile computing has never been easier and more powerful!

Features:

- AMD Athlon™64 Processor and AMD Mobile Athlon™64 up to 3400+
- Widescreen display up to 15.4" WXGA
- Connect your notebook to external storage devices and video equipment through the IEEE 1394 port offering transfer rates of up to 400Mbits/sec
- Memory card slot for Multimedia Card, Secure Digital Card or Memory Stick
- External ATI MOBILITY™ RADEON™ 9700 graphics controller offering 128MB Video memory
- Up to 1GB DDR SDRAM in 2 SO-DIMM slots
- Microsoft Windows XP Home and Microsoft Works Suite 2004[1]

1) Depending on country, please see more details on last page of this datasheet

2) Works Suit 2005
Phase in End 2005

Operating system
Windows XP Home, Recovery CD is included

Fujitsu Siemens Computers recommends Microsoft® Windows® XP

Application Software
1. Standard Bundle:
a) Microsoft Works Suite 2004 *including Word 2002, Works 7.0, Microsoft Encarta® 2003, Microsoft Picture It!® 7.0, Microsoft AutoRoute 2002/2003*, Microsoft Money 2002**
*Availability depending on language[3]
b) Word / Works
Countries will receive either Microsoft Works Suite or a Word/Works package. For language availability please See matrix on the next page
Adobe Photoshop Elements 2.0
Adobe Photoshop Album 1.0

2. Value Bundle
Works 8.0

DVD Playing & Burning SW
Win DVD 5.0
Nero 6.0

Driver & Utility CD including:
Adobe Acrobat Reader 5.05
Norman anti-virus software (also pre-installed)

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide
Online Manual

System, processors, architecture
AMD Athlon™64 / AMD Mobile Athlon™64 (Hammer):
3000+ up to 3700+
1MB 2nd level cache / 64 Bit
Chipset: SiS 755 + SiS SB 963

Memory
256 – 1024MB DDR SDRAM,
PC/2700 DDR333 SO-DIMM
256 / 512 MB memory modules to be placed in one of 2 free SO-DIMM memory slots (no memory on board)

Storage devices / drives
40 / 60 / 80 GB IDE hard disk drive
- DVD Dual Double Layer
CD 24x / CD-R 24x / CD-RW 20x, 10x / DVD 8x / DVD+R 8x
DVD-R 8x / DVD+RW 5x, 4x / DVD-RW 5x, 4x
DVD+R DL 5x, 2.4x

Graphics
ATI MOBILITY RADEON™ 9700
128MB external RAM
Support for latest "Shaders" technology to create most realistic 3D effects
DVD quality playback and 8x AGP support
FULLSTREAM™ Technology for improved Internet streaming quality
Frame Modulation - Brings standard 18-bit LCD panels up to 24-bit
Powerplay Technology for longer battery life
Dual view possible under Win XP Home
Max. external resolution (CRT only)
1600 x 1200 / 16M / 85Hz

Display
15.4" TFT WXGA, 1280 x 800 pixel
Compliance with standards
ISO 13406-2 class II

I/O Interfaces
1 x IEEE 1394, 3 USB 2.0 ports, 1 x S-Video,
1 x Fast Infrared
1 x memory card slot for MMC/SD/MS/MS pro
1 x type I/II PC Card slot (32 bit CardBus support)
1 x parallel. 1 x modem, 1 x LAN, 1 x CRT
1 x microphone in, 1 x line-in, 1 x headphone out (incl. S/PDIF support), built-in microphone
1 x power supply

Communications
Built-in 56K, V.90 international modem and
10/100 Mbps LAN
Wireless LAN module 802.11g

Audio
2 built-in speakers, built-in microphone, microphone in, headphone out
Hot key volume regulator
ALC655, compliant with AC'97 V2.3
16-bit stereo full-duplex CODEC
4 analogue line-level stereo inputs with 5-bit volume control, line-in, CD, video, aux

Easy Launch Keys
Located above the keyboard are 3 Launch Keys used to launch the following applications:
Internet, E-Mail, WLAN

Hot keys
Fn + F1: Standby
Fn + F3: Battery Warning On/Off
Fn + F4: Switch output between display and monitor
Fn + F5: Increase Audio volume
Fn + F6: Decrease Audio volume
Fn + F7: Increase Brightness
Fn + F8: Decrease Brightness

Pointing device & control buttons
Touchpad with two mouse buttons and page-up / page down button
Power button

Status indicators
The notebook has 4 status icons located under the display:
Drive activity, NUM Lock, CAPS Lock, Scroll Lock

Security
User and supervisor password
Kensington Lock support

Power system
Li-Ion battery, 8 cells, 14.4V / 4400mAH
App. 3 hrs battery runtime, depending on usage[4]
Intelligent power management for prolonged battery life
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 100 – 240 V AC, 50-60HZ, output: 160W with 20V DC

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk

Dimensions and weight
358mm x 269mm x 36.6mm
3.6 kg[5] (with 15" XGA, Li-Ion battery, HDD, Combo drive)

Certifications
CE Marking
Energy Star

Works Suite 2004	Word 2002 / Works 7.0	Word 2002 / Works 6.0
English UK English US (for MENA) German French Spanish Italian Swedish Norwegian Dutch Finnish Danish	Hungarian Czech Polish	Portuguese Russian Turkish Greek (Word 2002 Greek / Works 7.0 US)

For all other countries there is no country-specific bit-image available. These countries can order any of the above-mentioned variants.
* For these countries special regulations apply regarding WLAN importation. Special certification is needed.

Operating conditions
Operational: 5°C to 35°C (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input 100-240 V, 50-60 Hz

Warranty
Country-specific terms

Options
AC-Adapter
USB Floppy Drive
Carrying cases

3) Transition to Works Suite 2005 in End of 2004
4) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
5) Weight may vary depending on actual configuration

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